Big Bang Activity Quiz (15 points)

	Name
1.	What nuclear particles were first present before any elements formed?
2.	Why could these particles not join to become new things at first—why did you need to move apart?
3.	What was the first thing formed from two particles?
4.	Give one way the nucleus you named in #3 formed:
5.	Why was a positron (ping pong ball) sometimes thrown out of a group that formed (What change took place in the particle that emitted it?)
6.	At what temperature did the first particles begin to join?
7.	At about what temperature did most of the new particles form?
8.	Name three other nuclei that formed early in the universe (not yet named)
9.	In how much time did all of these things form?
10.	When we did the activity a second time, did we get the same result for
the	same people?
11.	What particle were you in the model and what changes did you go through?
12.	What was the Big Bang and what was the early universe like?

Bonus: Describe by giving names and numbers of particles one way to form a heavier particle than deuterium.